## IN THE CLAIMS:

The status of the claims is noted below.

Claims 1-10 (Canceled)

11.     (Currently Amended)  A camera apparatus for encoding a ~~video~~ picture signal

received from photographing means and an audio signal received from audio inputting means

~~and storing the encoded signals to memory means~~, the camera apparatus comprising:

video encoding means for encoding the ~~video~~ picture signal received from the

photographing means corresponding to a first encoding method or a second encoding method and

generating first encoded ~~video~~ picture data or second encoded ~~video~~ picture data, respectively;

controlling means for controlling ~~a storing process of data to the memory means~~ and

selecting the first encoding method or the second encoding method corresponding to a selected

~~record~~ processing mode,

wherein said controlling means controls said ~~video~~ picture encoding means so as to

encode the ~~video~~ picture signal corresponding to the first encoding method when a mode for

~~recording~~ capturing only ~~video~~ picture data has been selected in the camera apparatus, and

wherein said controlling means controls said video encoding means so as to encode the

~~video~~ picture signal corresponding to the second encoding ~~means~~ method when a mode for

~~recording~~ capturing both ~~video~~ picture data and audio data has been selected in the camera

apparatus.

12.     (Original)     The camera apparatus as set forth in claim 11,

wherein the first encoding method is an encoding method corresponding to JPEG format

or equivalent format, and

wherein the second encoding method is an encoding method corresponding to MPEG

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video format or equivalent format.

13.    (Currently Amended) The camera apparatus as set forth in claim 11,

wherein said controlling means encodes an audio data signal, multiplexes the encoded

~~video~~ picture signal and the encoded audio signal, and ~~stores~~ captures the multiplexed signal ~~to~~

~~the memory means~~ when the mode for recording both the ~~video~~ picture data and the audio data

has been selected in the camera apparatus.

14.    (Currently Amended) The camera apparatus as set forth in claim 11,

wherein said controlling means causes ~~the memory means to store~~ a ~~video~~ picture signal

received from the photographing means to be stored to a first area of ~~the~~ a memory means and

~~store~~ the first encoded ~~video~~ picture data or the multiplexed data of the encoded ~~video~~ picture

data and the encoded audio data to be stored to a second area of the memory means.

15.    (Currently Amended) The camera apparatus as set forth in claim 14, further

comprising:

recording means for recording the encoded ~~video~~ picture data or the multiplexed data to a

record medium,

wherein said controlling means writes the multiplexed data to the memory means, reads

the multiplexed data from the memory means, causes said recording means to record the

multiplexed data that is read from the memory means to the record medium, causes said video

encoding means to encode a ~~video~~ picture signal corresponding to the first encoding method,

writes the encoded signal as first encoded ~~video~~ picture data to the memory means, reads the first

encoded ~~video~~ picture data from the memory means, and causes the recording means to record

the first encoded ~~video~~ picture data to the record medium when the mode for recording both

~~video~~ picture data and audio data has been selected in the camera apparatus.

16. (Original) The camera apparatus as set forth in claim 11,

wherein said video encoding means has:

a DCT portion for performing a cosine transform process for an input picture signal;

a quantizing portion for quantizing coefficient data received from the DCT portion; and

a variable length code encoding portion for encoding an output signal of the quantizing

portion using a first encoding table or a second encoding table with variable length code, and

wherein the first encoding table or the second encoding table of the variable length code

encoding portion is selected corresponding to an encoding method selected by said controlling

means.

17. (Original) The camera apparatus as set forth in claim 16,

wherein said video encoding means has:

a header adding portion for adding one of a first header or a second header corresponding

to the encoding method selected by said controlling means.

18. (Currently Amended) The camera apparatus as set forth in claim 13,

wherein the multiplexed data is composed of packs with a fixed length, each pack

containing encoded ~~video~~ picture data and encoded audio data, the time period of the encoded

~~video~~ picture data being the same as the time period of the encoded audio data.

19. (Currently Amended) The camera apparatus as set forth in claim 18,

wherein each of the packs contains N ~~video~~ picture frames and/or N audio frames (where

N is any integer).

20. (Original) The camera apparatus as set forth in claim 11, further comprising:

recording means for recording the encoded ~~video~~ picture data or the encoded audio data

to a record medium.

21.     (Currently Amended) The camera apparatus as set forth in claim 11, further comprising:

operating means for causing the camera apparatus to perform a ~~recording~~ capture operation,

wherein said controlling means encodes an audio signal in a time period of which said operating means is being pressed so as to generate encoded audio data.

22.     (Currently Amended) The camera apparatus as set forth in claim 11, further comprising:

operating means for causing the camera apparatus to perform a ~~recording~~ capture operation,

wherein said controlling means encodes an audio signal after said operating means is pressed until a predetermined time period elapses so as to generate encoded audio data.

23.     (Currently Amended) The camera apparatus as set forth in claim 11, further comprising:

reproducing means for reproducing encoded ~~video~~ picture data or encoded audio data from a record medium;

video decoding means for decoding the encoded ~~video~~ picture data;

displaying means for displaying ~~video~~ the picture data; and

audio outputting means for outputting audio data,

wherein said controlling means causes the memory means to store the encoded ~~video~~ picture data or the encoded audio data reproduced from said reproducing means and decodes the encoded audio data stored in the memory means,

wherein said video decoding means decodes the encoded ~~video~~ picture data stored in the

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memory means,

wherein said displaying means displays the decoded ~~video~~ picture data, and

wherein said audio outputting means outputs the decoded audio data.

24.     (Currently Amended)  The camera apparatus as set forth in claim 11,

wherein the photographing means outputs a ~~video~~ picture signal in XGA or VGA format

when a still picture photographing mode has been selected in the camera apparatus, and

wherein the photographing means outputs a ~~video~~ picture signal of which the input ~~video~~

picture signal received from the photographing means has been thinned out by around 3 when a

moving picture photographing mode has been selected in the camera apparatus.

Claims 25-34 (Canceled)

35.     (Original)      A recording method for a camera apparatus for encoding a video

signal received from photographing means and an audio signal received from audio inputting

means and storing the encoded signals to memory means, the recording method comprising the

steps of:

encoding the video signal received from the photographing means corresponding to a first

encoding method and storing the encoded video data to the memory means when a mode for

recording only video data has been selected in the camera apparatus; and

encoding the video signal received from the photographing means corresponding to a

second encoding method and storing the encoded video data to the memory means along with the

encoded audio data when a mode for recording both video data and audio data has been selected

in the camera apparatus.

36.     (Original)      The recording method as set forth in claim 35,

wherein the first encoding method is an encoding method corresponding to JPEG format

or equivalent format, and

wherein the second encoding method is an encoding method corresponding to MPEG video format or equivalent format.

37.    (Original)    The recording method as set forth in claim 35, further comprising the step of:

encoding an audio data signal, multiplexing the encoded video signal and the encoded audio signal, and storing the multiplexed signal to the memory means when the mode for recording both the video data and the audio data has been selected in the camera apparatus.

38.    (Original)    The recording method as set forth in claim 35, further comprising the step of:

causing the memory means to store a video signal received from the photographing means to a first area of the memory means and store the encoded video data or the multiplexed data of the encoded video data and the encoded audio data to a second area of the memory means.

39.    (Original)    The recording method as set forth in claim 35, further comprising the step of:

writing the multiplexed data to the memory means, reading the multiplexed data from the memory means, recording the multiplexed data that is read from the memory means to the record medium, encoding a video signal corresponding to the first encoding method, writing the encoded signal as first encoded video data to the memory means, reading the first encoded video data from the memory means, and recording the first encoded video data to the record medium when the mode for recording both video data and audio data has been selected in the camera apparatus.

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40. (Original) The recording method as set forth in claim 35, wherein the video encoding step has the steps of:

(a) performing a cosine transform process for an input picture signal;

(b) quantizing coefficient data received at step (a); and

(c) encoding an output signal with variable length code at step (b) using a first encoding table or a second encoding table,

wherein the first encoding table or the second encoding table at step (c) is selected corresponding to the selected encoding method.

41. (Original) The recording method as set forth in claim 35, further comprising the step of:

adding one of a first header or a second header corresponding to the selected encoding method.

42. (Original) The recording method as set forth in claim 37,

wherein the multiplexed data is composed of packs with a fixed length, each pack containing encoded video data and encoded audio data, the time period of the encoded video data being the same as the time period of the encoded audio data.

43. (Original) The recording method as set forth in claim 42,

wherein each of the packs contains N video frames and/or N audio frames (where N is any integer).

44. (Original) The recording method as set forth in claim 35, further comprising the step of:

recording the encoded video data or the encoded audio data to a record medium.

45. (Original) The recording method as set forth in claim 35, further comprising

the step of:

encoding an audio signal in a time period of which operating means that causes the

camera apparatus to perform a recording operation is being pressed so as to generate encoded

audio data.

46.     (Original)     The recording method as set forth in claim 35, further comprising

the step of:

encoding an audio signal after operating means that causes the camera apparatus to

perform a  recording operation is pressed until a predetermined time period elapses so as to

generate encoded audio data.

47.     (Original)     The recording method as set forth in claim 35, further comprising

the steps of:

storing the encoded video data or the encoded audio data reproduced from a record

medium to the memory means and decoding the encoded audio data stored in the memory means;

decoding the encoded video data stored in the memory means;

displaying the decoded video data; and

outputting the decoded audio data.

48.     (Original)     The recording method as set forth in claim 35,

wherein the photographing means outputs a video signal in XGA or VGA format when a

still picture photographing mode has been selected in the camera apparatus, and

wherein the photographing means outputs a video signal of which the input video signal

received from the photographing means has been thinned out by around 3 when a moving picture

photographing mode has been selected in the camera apparatus.

49.     (New)  A camera apparatus for encoding a picture signal received from

photographing means and an audio signal received from audio inputting means and storing the

encoded signals to memory means, the camera apparatus comprising:

video encoding means for encoding the picture signal received from the photographing

means corresponding to a first encoding method or a second encoding method and generating

first encoded picture data or second encoded picture data, respectively;

controlling means for controlling a storing process of data to the memory means and

selecting the first encoding method or the second encoding method corresponding to a selected

record mode,

wherein said controlling means controls said picture encoding means so as to encode the

picture signal corresponding to the first encoding method when a mode for recording only picture

data has been selected in the camera apparatus, and

wherein said controlling means controls said video encoding means so as to encode the

picture signal corresponding to the second encoding method when a mode for recording both

picture data and audio data has been selected in the camera apparatus.

50. (New) A camera apparatus for encoding a picture signal received from

photographing means and an audio signal received from audio inputting means and processing

the encoded signals, the camera apparatus comprising:

video encoding means for encoding the picture signal received from the photographing

means corresponding to a first encoding method or a second encoding method and generating

first encoded picture data or second encoded picture data, respectively;

controlling means for controlling a processing process of data and selecting the first

encoding method or the second encoding method corresponding to a selected processing mode,

wherein said controlling means controls said picture encoding means so as to encode the

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picture signal corresponding to the first encoding method when a mode for processing only picture data has been selected in the camera apparatus, and

wherein said controlling means controls said video encoding means so as to encode the picture signal corresponding to the second encoding method when a mode for processing both picture data and audio data has been selected in the camera apparatus.

51. (New) A camera apparatus for encoding a picture signal received from photographing means and an audio signal received from audio inputting means and transmitting the encoded signals, the camera apparatus comprising:

video encoding means for encoding the picture signal received from the photographing means corresponding to a first encoding method or a second encoding method and generating first encoded picture data or second encoded picture data, respectively;

controlling means for controlling a transmitting process of data and selecting the first encoding method or the second encoding method corresponding to a selected transmitting mode,

wherein said controlling means controls said picture encoding means so as to encode the picture signal corresponding to the first encoding method when a mode for transmitting only picture data has been selected in the camera apparatus, and

wherein said controlling means controls said video encoding means so as to encode the picture signal corresponding to the second encoding method when a mode for transmitting both picture data and audio data has been selected in the camera apparatus.

52. (New) A method for encoding a picture signal received from photographing means and an audio signal received from audio inputting means, the method comprising the steps of:

encoding the picture signal received from the photographing means corresponding to a

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first encoding method or a second encoding method and generating first encoded picture data or

second encoded picture data, respectively;

controlling a storing process and selecting the first encoding method or the second

encoding method corresponding to a selected processing mode,

encoding the picture signal corresponding to the first encoding method when a mode for

capturing only picture data has been selected in the camera apparatus, and

encoding the picture signal corresponding to the second encoding method when a mode

for capturing both picture data and audio data has been selected.

53. (New) The method as set forth in claim 52,

wherein the first encoding method is an encoding method corresponding to JPEG format

or equivalent format, and

wherein the second encoding method is an encoding method corresponding to MPEG

video format or equivalent format.

54. (New) The method as set forth in claim 52,

wherein an audio data signal is encoded, the encoded picture signal and the encoded

audio signal are multiplexed, and the multiplexed signal is stored when the mode for recording

both the picture data and the audio data has been selected.

55. (New) The method as set forth in claim 52,

wherein a picture signal received from the photographing means is stored to a first area of

the memory means and the encoded picture data or the multiplexed data of the encoded picture

data and the encoded audio data is stored to a second area of the memory means.

56. (New) The method as set forth in claim 55, further comprising the steps of:

recording the encoded picture data or the multiplexed data to a record medium,

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wherein the multiplexed data is written to the memory means, the multiplexed data is

read from the memory means, the recording means is caused to record the multiplexed data that

is read from the memory means to the record medium, a picture signal corresponding to the first

encoding method is encoded, the encoded signal is written as first encoded picture data to the

memory means, the first encoded picture data is read from the memory means, the first encoded

picture data is recorded to the record medium when the mode for recording both picture data and

audio data has been selected.

57.    (New)  The method as set forth in claim 52, further comprising the steps of:

performing a cosine transform process for an input picture signal;

quantizing coefficient data received from the cosine transform process; and

encoding an output signal of the quantizing step using a first encoding table or a second

encoding table with variable length code, and

wherein the first encoding table or the second encoding table of the variable length code

encoding portion is selected corresponding to a selected encoding method.

58.    (New)  The method as set forth in claim 57, further comprising the step of:

adding one of a first header or a second header corresponding to the selected encoding

method.

59.    (New)  The method as set forth in claim 54,

wherein the multiplexed data is composed of packs with a fixed length, each pack

containing encoded picture data and encoded audio data, the time period of the encoded picture

data being the same as the time period of the encoded audio data.

60.    (New)  The method as set forth in claim 59,

wherein each of the packs contains N picture frames and/or N audio frames (where N is

any integer).

61. (New) The camera apparatus as set forth in claim 52, further comprising the step of:

recording the encoded picture data or the encoded audio data to a record medium.

62. (New) The method as set forth in claim 52, further comprising the steps of:

performing a recording operation,

wherein an audio signal is encoded in a time period during said recording operation so as to generate encoded audio data.

63. (New) The method as set forth in claim 52, further comprising the steps of:

performing a recording operation,

wherein an audio signal is encoded after said recording operation is completed so as to generate encoded audio data.

64. (New) The method as set forth in claim 52, further comprising the steps of:

reproducing encoded picture data or encoded audio data from a record medium;

decoding the encoded picture data;

displaying the picture data; and

outputting the audio data,

storing the encoded picture data or the encoded audio data reproduced from said reproducing means, and

decoding the encoded audio data,

wherein said picture decoding means decodes the stored encoded picture data,

wherein said displaying means displays the decoded picture data, and

wherein said audio outputting means outputs the decoded audio data.

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65.    (New)  The method as set forth in claim 52,

wherein the photographing means outputs a picture signal in XGA or VGA format when

a still picture photographing mode has been selected, and

wherein the photographing means outputs a picture signal of which the input picture

signal received from the photographing means has been thinned out by around 3 when a moving

picture photographing mode has been selected.

66.    (New)  A method for encoding a picture signal received from photographing

means and an audio signal received from audio inputting means, comprising the steps of:

encoding the picture signal received from the photographing means corresponding to a

first encoding method or a second encoding method and generating first encoded picture data or

second encoded picture data, respectively;

controlling a storing process and selecting the first encoding method or the second

encoding method corresponding to a selected record mode,

encoding the picture signal corresponding to the first encoding method when a mode for

recording only picture data has been selected, and

encoding the picture signal corresponding to the second encoding method when a mode

for recording both picture data and audio data has been selected.

67.    (New)  A method for encoding a picture signal received from photographing

means and an audio signal received from audio inputting means, comprising the steps of:

encoding the picture signal received from the photographing means corresponding to a

first encoding method or a second encoding method and generating first encoded picture data or

second encoded picture data, respectively;

controlling a processing process and selecting the first encoding method or the second

encoding method corresponding to a selected processing mode,

encoding the picture signal corresponding to the first encoding method when a mode for processing only picture data has been selected, and

encoding the picture signal corresponding to the second encoding method when a mode for processing both picture data and audio data has been selected.

68.    (New) A method for encoding a picture signal received from photographing means and an audio signal received from audio inputting means, comprising the steps of:

encoding the picture signal received from the photographing means corresponding to a first encoding method or a second encoding method and generating first encoded picture data or second encoded picture data, respectively;

controlling a transmitting process of data and selecting the first encoding method or the second encoding method corresponding to a selected transmitting mode,

encoding the picture signal corresponding to the first encoding method when a mode for transmitting only picture data has been selected, and

encoding the picture signal corresponding to the second encoding method when a mode for transmitting both picture data and audio data has been selected.

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